

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11)Publication number: 56166276 A

(43)Date of publication of
application: 21. 12 . 81(51)Int. Cl. C09D 11/10
// C08G 69/34

(21)Application number: 55070410

(22)Date of filing: 27 . 05 . 80

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(54)PRINTING INK

(57)Abstract:

PURPOSE: A surface printing ink, prepared by using a polyamide resin obtained by condensing a specific amino compound with a polymerized fatty acid and a monocarboxylic acid of specified formula as a vehicle, and having improved heat resistance and without peeling the ink film even with a heat-sealing bar.

CONSTITUTION: An ink prepared by using a polyamide resin obtained by condensing (A) an amino compound consisting of 4,4'-diaminodicyclohexylmethane at 60W90% amine equivalent ratio, a polyalkylenepolyamine of preferably formula I (R' is 2W3C alkylene; n is an integer 1W5) in an amount of 0W30% and/or an amino adduct of formula II (R_1 , R_2 , R_3 and R_4 are H, 2-hydroxyethyl or 2-hydroxypropyl) in an amount of 0W30% with (B) a polymerized fatty acid and (C) a monocarboxylic acid of the

formula $RCOOH$ (R is 1W20C alkyl) and preferably nitrocellulose as a vehicle. The weight ratio between the polyamide resin and the nitrocellulose is preferably 10/0W8/2.

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